

09/851595

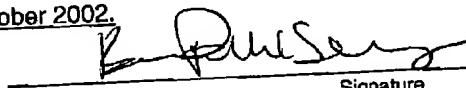
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Submitted herewith:

Amendment Transmittal

Preliminary Amendment and Response to Restriction Requirement

Change of Attorney Docket No.

(1 pages—in duplicate)

(3 pages)

(1 page)

Total including this cover sheet

Pages (6 pages)

TO/SB/97 (08-00)

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Practitioner's Docket No. MPI1999-037P1RCP1M

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gu, Wei
Application No.: ~~09/891,595~~ 09/851,595
Filed: May 8, 2001
For: NOVEL G-PROTEIN COUPLED
RECEPTORS AND USES THEREFOR

Group No.: 1656
Examiner: P. M. Mertz

Commissioner for Patents
Washington, D.C. 20231

AMENDMENT TRANSMITTAL

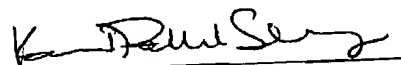
1. Transmitted herewith for this application is/are:
- This Amendment Transmittal (1 pages)(in duplicate);
 - Response (3 pages); and
 - Change of Attorney Docket No. (1 page).

FEE PAYMENT

3. It is believed no fee is due in connection with this Transmittal. However, in the event any extension and/or fee is required, please charge Deposit Account No. 501668.

11 October 2002

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By 

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LPPractitioner's Docket No. MPI99-037P1RCPLM

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gu, Wei
Application No.: 09/811,595
Filed: May 08, 2001
For: NOVEL G-PROTEIN COUPLED RECEPTORS AND USES THEREFOR

Group No.: 1646
Examiner: P.M. Mertz

Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT AND RESPONSE TO RESTRICTION REQUIREMENT

Dear Sir:

Prior to examination on the merits, entry of the following amendments and remarks is requested.

IN THE CLAIMS:

Kindly cancel claims 1-22 and add new claims 23-32.

23. An isolated nucleic acid molecule comprising the nucleotide sequence selected from the group consisting of:
- a) a nucleotide sequence which is at least about 90% identical to the nucleotide sequence of SEQ ID NO:4, SEQ ID NO:6, SEQ ID NO:7, SEQ ID NO:9, SEQ ID NO: 10, SEQ ID NO:12;
- b) SEQ ID NO: 4, SEQ ID NO: 6 or a nucleotide sequence complementary to the nucleotide sequence of SEQ ID NO: 4 or SEQ ID NO: 6;

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Practitioner's Docket No. MPI99-037P1RCP1M

c) SEQ ID NO: 7, SEQ ID NO: 9 or a nucleotide sequence complementary to the nucleotide sequence of SEQ ID NO: 7 or SEQ ID NO: 9; or

d) SEQ ID NO: 10, SEQ ID NO: 12 or a nucleotide sequence complementary to the nucleotide sequence of SEQ ID NO: 10 or SEQ ID NO: 12.

24. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 5, SEQ ID NO: 8, or SEQ ID NO: 11, or a nucleotide sequence complementary to a nucleotide sequence encoding a polypeptide comprising the amino acid sequence of SEQ ID NO: 5, SEQ ID NO: 8, or SEQ ID NO: 11.

25. An isolated nucleic acid molecule comprising a nucleotide sequence encoding a fusion polypeptide comprising the amino acid sequence of SEQ ID NO: 5, SEQ ID NO: 8, or SEQ ID NO: 11, and a heterologous polypeptide.

26. An isolated nucleic acid molecule of any one of claims 23-25, further comprising vector nucleic acid sequences.

27. A host cell containing the nucleic acid molecule of any one of claims 23-25.

28. A host cell containing a nucleic acid molecule of claim 26.

29. The host cell of claim 27 which is a mammalian cell.

30. The host cell of claim 28 which is a mammalian cell.

31. A method for producing a polypeptide comprising the amino acid sequence of SEQ ID NO: 5, SEQ ID NO: 8, or SEQ ID NO: 11, comprising culturing the host cell of claim 27 under conditions in which the nucleic acid molecule is expressed.

32. A method for producing a polypeptide comprising the amino acid sequence of SEQ ID NO: 5, SEQ ID NO: 8 or SEQ ID NO: 11, comprising culturing the host cell of claim 28 under conditions in which the nucleic acid molecule is expressed. --